Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 29 Jan 2021 until 23:59 on Saturday 30 Jan 2021

Forecast Issued on Friday 29 Jan 2021 at 03:37

Confidence: High for overall developments, but medium in detail from Sunday and also lower confidence for amounts of snow over the weekend.

Headline for Friday 29 Jan 2021: Cloudy, with outbreaks of rain or drizzle at times. Perhaps some snow overnight.

Mountain weather hazards on Friday 29 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG				
Fog	Fog	Light rain	Cloudy	Dull	Dull
Precipitation probability					
80%	30%	10%	10%	40%	30%

Forecast for Friday 29 Jan 2021

Weather: A rather cloudy day. Outbreaks for rain and drizzle are possible throughout, but also plenty of drier intervals. Into the evening, freezing levels are expected to fall with any lingering showers turning to snow across the higher moors, mainly above 300m.

Chance of cloud free mountain/hill tops above 600m: 20% throughout.

Visibility: Cloud will obscure hills above 500m, whilst below the cloud views will be good at times, but falling to moderate or poor in any rainfall. Visibility becoming very poor on the tops during any evening snow fall.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 29 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/25 W	17/22 W	20/27 W	17/23 W	14/20 N	17/23 NE	20/27 E
300	11/19 SW	13/19 W	15/23 W	13/20 W	10/16 N	12/21 NE	16/26 E
Valley	5/16 W	8/18 W	11/21 W	10/19 W	8/17 N	11/23 NE	14/28 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	4/-2	4/-2	4/-1	2/-4	0/-6	-1/-8
300	5/1	5/1	6/2	6/2	4/1	3/-2	2/-4
Valley	5/3	6/3	6/3	6/3	5/2	3/-1	2/-3
Freezing Level*	1100m	1100m	1100m	1200m	800m	600m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather grey and damp day, with occasional outbreaks of rain or drizzle, and feeling rather chilly. Turning much colder again during the evening as freezing levels fall.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 29 Jan 2021	24.2mm	35.2mm	44.8mm

Forecast for Saturday 30 Jan 2021

Weather: A cloudy start, with perhaps the odd snow shower possible. Some chance for more persistent snow, but main band currently expected to stay to the south of the Peak District. Cold, and staying cloudy for much of the morning, but some winter sunshine expected during the afternoon. Rapid freeze expected at all levels after dark.

Maximum wind: Easterly 30-35mph gusting 40-50mph. Easing to 20-25mph gusting 30-40mph from mid-afternoon

Chance of cloud free mountain/hill tops above 600m: 10% during at first, improving to 30% during the afternoon and near 100% by the evening.

Visibility: Cloud obscuring hills above 500m at first, but gradually clearing south through the day. Chance of some very poor visibilities developing during any snowfall, but currently expected to remain largely fine with excellent views.

Temperature: **Valleys:** Plus 2 Celsius, falling to Minus 3 Celsius after dark.
At 600m: Minus 2 Celsius.
Freezing level: 300m falling valley floors during the afternoon.

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